

L Number	Hits	Search Text	DB	Time stamp
-	775	705/26.ccls.	USPAT; EPO; DERWENT	2003/05/27 15:15
-	24	705/26.ccls. and "electronic wallet"	USPAT; EPO; DERWENT	2003/05/27 15:15
-	6	(705/26.ccls. and "electronic wallet") and ("electronic wallet" same (vendor or merchant or seller))	USPAT; EPO; DERWENT	2003/05/27 15:16
-	224	705/26.ccls. and ((customer or client or user or shopper) near3 account)	USPAT; EPO; DERWENT	2003/05/27 15:17
-	87	(705/26.ccls. and ((customer or client or user or shopper) near3 account)) and ((payment or purchasing or billing or address) near3 account)	USPAT; EPO; DERWENT	2003/05/27 15:17
-	8	((705/26.ccls. and ((customer or client or user or shopper) near3 account)) and ((payment or purchasing or billing or address) near3 account)) and (automatic near4 payment)	USPAT; EPO; DERWENT	2003/05/27 15:23
-	187	705/26.ccls. and ((store or storing stored database) near5 (payment or purchase))	USPAT; EPO; DERWENT	2003/05/27 15:24
-	102	(705/26.ccls. and ((store or storing stored database) near5 (payment or purchase))) and ((customer or user or shopping or shopper) near3 account or profile)	USPAT; EPO; DERWENT	2003/05/27 15:24
-	2	((705/26.ccls. and ((store or storing stored database) near5 (payment or purchase))) and ((customer or user or shopping or shopper) near3 account or profile)) and ((automates automatic) near4 (purchase purchasing))	USPAT; EPO; DERWENT	2003/05/27 15:49
-	14	(try and buy).ab.	USPAT; EPO; DERWENT	2003/05/27 15:55
-	75	(try and buy) same software	USPAT; EPO; DERWENT	2003/05/27 15:55
-	14	((try and buy) same software) and (return same software)	USPAT; EPO; DERWENT	2003/05/27 16:06
-	0	"of the month"	USPAT; EPO; DERWENT	2003/05/27 15:59
-	0	"of-the-month"	USPAT; EPO; DERWENT	2003/05/27 16:00
-	24	"pay per listen"	USPAT; EPO; DERWENT	2003/05/27 16:01
-	1	((try and buy) same software) and (refund same software)	USPAT; EPO; DERWENT	2003/05/27 16:07
-	2	6052440.pn.	USPAT; EPO; DERWENT	2003/08/12 23:16
-	89	bluetooth and music	USPAT; EPO; DERWENT	2003/08/12 23:16
-	10	(bluetooth same music) and (car or automobile or vehicle)	USPAT; EPO; DERWENT	2003/08/12 23:16
-	24	bluetooth same music	USPAT; EPO; DERWENT	2003/08/12 23:37

-	8	virtual adj book	USPAT; EPO; DERWENT	2003/08/12 23:37
-	3	(virtual adj book) and ((flip flipping turn turning) same (page pages))	USPAT; EPO; DERWENT	2003/08/12 23:39
-	13781	((flip flipping turn turning) same (page pages))	USPAT; EPO; DERWENT	2003/08/12 23:41
-	1532	((flip flipping turn turning) same (page pages)) and(internet online website)	USPAT; EPO; DERWENT	2003/08/12 23:41
-	62	(((flip flipping turn turning) same (page pages))) and(internet online website)) and 705/26.ccls.	USPAT; EPO; DERWENT	2003/08/12 23:39
-	27	(((flip flipping turn turning) same (page pages))) and(internet online website)) and 705/26.ccls.) and book	USPAT; EPO; DERWENT	2003/08/12 23:39
-	1930	((flip flipping turn turning) same ((page pages) and book))	USPAT; EPO; DERWENT	2003/08/12 23:41
-	132	((flip flipping turn turning) same ((page pages) and book))) and(internet online website)	USPAT; EPO; DERWENT	2003/08/12 23:57
-	54	((flip flipping turn turning) same ((page pages) and book))) and(internet online website)) and virtual	USPAT; EPO; DERWENT	2003/08/12 23:54
-	212	(pop adj up) and (pop-up) and (popup)	USPAT; EPO; DERWENT	2003/08/13 02:50
-	8175	(pop adj up) or (pop-up) or (popup)	USPAT; EPO; DERWENT	2003/08/13 00:03
-	2120	((pop adj up) or (pop-up) or (popup)) and (internet or online or server)	USPAT; EPO; DERWENT	2003/08/12 23:55
-	640	((pop adj up) or (pop-up) or (popup)) and (internet or online or server)) and (subscribe subscribing subscription register registering)	USPAT; EPO; DERWENT	2003/08/12 23:57
-	3	((pop adj up) or (pop-up) or (popup)) and (internet or online or server)) and (subscribe subscribing subscription register registering)) and (offer same (sample samples))	USPAT; EPO; DERWENT	2003/08/12 23:55
-	3	((pop adj up) or (pop-up) or (popup)) near4 (advertisement ad offer))) and(internet online website)) and (subscribe subscribing subscription register registering)	USPAT; EPO; DERWENT	2003/08/12 23:58
-	27	((pop adj up) or (pop-up) or (popup)) near4 (advertisement ad offer))) and(internet online website)	USPAT; EPO; DERWENT	2003/08/12 23:59
-	52	((pop adj up) or (pop-up) or (popup)) near4 (advertisement ad offer))	USPAT; EPO; DERWENT	2003/08/13 00:12
-	50	((pop adj up) or (pop-up) or (popup)) and 705/26.ccls.	USPAT; EPO; DERWENT	2003/08/13 00:08
-	25	((pop adj up) or (pop-up) or (popup)) and 705/14.ccls.	USPAT; EPO; DERWENT	2003/08/13 00:13
-	50	((pop adj up) or (pop-up) or (popup)) and 705/26.ccls.	USPAT; EPO; DERWENT	2003/08/13 00:08
-	72	((pop adj up) or (pop-up) or (popup)) near10 (advertisement ad offer))	USPAT; EPO; DERWENT	2003/08/13 00:12
-	2	((pop adj up) or (pop-up) or (popup)) near10 (advertisement ad offer))) and (spontaneous spontaneously)	USPAT; EPO; DERWENT	2003/08/13 00:12

-	1669	((pop adj up) or (pop-up) or (popup)) near4 (window windows frame frames))	USPAT; EPO; DERWENT	2003/08/13 00:19
-	25	((pop adj up) or (pop-up) or (popup)) and 705/14.ccls.) and 705/14.ccls.	USPAT; EPO; DERWENT	2003/08/13 00:14
-	692	((pop adj up) or (pop-up) or (popup)) near4 (window windows frame frames))) and (profile target targeted)	USPAT; EPO; DERWENT	2003/08/13 00:15
-	15	((pop adj up) or (pop-up) or (popup)) near4 (window windows frame frames))) and (profile target targeted) near5 (ad advertisement offer offers))	USPAT; EPO; DERWENT	2003/08/13 00:19
-	1591	((pop adj up) or (pop-up) or (popup)) near4 (window windows))	USPAT; EPO; DERWENT	2003/08/13 00:19
-	15	((pop adj up) or (pop-up) or (popup)) near4 (window windows))) and ((profile target targeted) near5 (ad advertisement offer offers))	USPAT; EPO; DERWENT	2003/08/13 00:21
-	261	(subscribe subscribing) near3 (internet online server)	USPAT; EPO; DERWENT	2003/08/13 00:22
-	108	((subscribe subscribing) near3 (internet online server)) and ((subscribe subscribing) near3 (service))	USPAT; EPO; DERWENT	2003/08/13 00:24
-	24	((subscribe subscribing) near3 (internet online server)) and ((subscribe subscribing) near3 (service))) and music	USPAT; EPO; DERWENT	2003/08/13 00:22
-	15	((subscribe subscribing) near3 (internet online server)) and ((subscribe subscribing) near3 (service))) and 705/26.ccls.	USPAT; EPO; DERWENT	2003/08/13 00:25
-	31	"subscription server"	USPAT; EPO; DERWENT	2003/08/13 00:26
-	27	"subscription server" and (internet or online)	USPAT; EPO; DERWENT	2003/08/13 00:27
-	5	"subscribe online"	USPAT; EPO; DERWENT	2003/08/13 00:29
-	13	"register online"	USPAT; EPO; DERWENT	2003/08/13 00:51
-	366	(sign up) near5 online	USPAT; EPO; DERWENT	2003/08/13 00:52
-	2	("sign up" "signing up") near5 (internet online)) and music	USPAT; EPO; DERWENT	2003/08/13 00:52
-	47	("sign up" "signing up") near5 (internet online)	USPAT; EPO; DERWENT	2003/08/13 00:55
-	2991	(register registering) near7 (online internet web)	USPAT; EPO; DERWENT	2003/08/13 00:56
-	205	((register registering) near7 (online internet web)) and ((register registering) near6 (service services))	USPAT; EPO; DERWENT	2003/08/13 00:56
-	16	((register registering) near7 (online internet web)) and ((register registering) near6 (service services))) and 705/\$.ccls.	USPAT; EPO; DERWENT	2003/08/13 01:13
-	1545	(purchase purchasing shop shopping buy buying order ordering) near5 music	USPAT; EPO; DERWENT	2003/08/13 01:14
-	7	((purchase purchasing shop shopping buy buying order ordering) near5 music) and (offer near5 download)	USPAT; EPO; DERWENT	2003/08/13 01:14

-	103	(subscribe subscription) same music	USPAT; EPO; DERWENT	2003/08/13 01:15
-	9	((subscribe subscription) same music) and ((download downloading downloads) near5 music)	USPAT; EPO; DERWENT	2003/08/13 01:18
-	826	705/26.ccls.	USPAT; EPO; DERWENT	2003/08/13 01:18
-	12	705/26.ccls. and ((download downloading) near5 music)	USPAT; EPO; DERWENT	2003/08/13 01:25
-	425	((download downloading) near5 music)	USPAT; EPO; DERWENT	2003/08/13 01:27
-	7	(((download downloading) near5 music)) and membership	USPAT; EPO; DERWENT	2003/08/13 01:27
-	178	((download downloading) near5 multimedia)	USPAT; EPO; DERWENT	2003/08/13 01:27
-	9	(((download downloading) near5 multimedia)) and membership	USPAT; EPO; DERWENT	2003/08/13 01:28
-	4495	(register registering) near5 service	USPAT; EPO; DERWENT	2003/08/13 01:28
-	945	((register registering) near5 service) and (internet or online)	USPAT; EPO; DERWENT	2003/08/13 01:29
-	161	(((register registering) near5 service) and (internet or online)) and (music or multimedia)	USPAT; EPO; DERWENT	2003/08/13 01:29
-	53	(((register registering) near5 service) and (internet or online)) and (music or multimedia)) and download	USPAT; EPO; DERWENT	2003/08/13 01:29
-	0	((pop adj up) and (pop-up) and (popup)) near6 sample	USPAT; EPO; DERWENT	2003/08/13 02:50
-	0	((pop adj up) and (pop-up) and (popup)) near6 samples	USPAT; EPO; DERWENT	2003/08/13 02:57
-	24	mouse-over	USPAT; EPO; DERWENT	2003/08/13 02:58
-	3	spontaneous near5 advertisement	USPAT; EPO; DERWENT	2003/08/15 12:42
-	3	spontaneous near5 advertising	USPAT; EPO; DERWENT	2003/08/15 15:14
-	6	(offer near4 join) and free	USPAT; EPO; DERWENT	2003/08/15 15:14
-	22	offer near4 join	USPAT; EPO; DERWENT	2003/08/15 15:15
-	2	5889860.pn.	USPAT; EPO; DERWENT	2004/09/27 20:02

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L Number	Hits	Search Text	DB	Time stamp
-	149	download near4 (songs or music)	USPAT; EPO; DERWENT	2002/11/23 15:11
-	37	(download near4 (songs or music)) and (sample or samples or offers or offer)	USPAT; EPO; DERWENT	2002/11/21 11:33
-	21	((download near4 (songs or music)) and (sample or samples or offers or offer)) and (accept or purchase or buy)	USPAT; EPO; DERWENT	2002/11/21 11:50
-	170	preview same (music or song or sample)	USPAT; EPO; DERWENT	2002/11/21 11:50
-	4	(preview same (music or song or sample)) and (broadcast same sample)	USPAT; EPO; DERWENT	2002/11/21 11:53
-	803	broadcast same sample	USPAT; EPO; DERWENT	2002/11/21 12:11
-	0	(broadcast same sample) AND ("SATELITE RADIO")	USPAT; EPO; DERWENT	2002/11/21 11:57
-	3	(broadcast same sample) AND ("SATELLITE RADIO")	USPAT; EPO; DERWENT	2002/11/21 11:54
-	17	(broadcast same sample) AND ((BUY OR PURCHASE OR ACCEPT OR SELECT) SAME (SONG OR MUSIC))	USPAT; EPO; DERWENT	2002/11/21 12:12
-	101	(broadcast same sample) AND (SONG OR MUSIC)	USPAT; EPO; DERWENT	2002/11/21 12:12
-	143	(broadcast same sample) AND (MULTIMEDIA OR SONG OR MUSIC)	USPAT; EPO; DERWENT	2002/11/21 12:12
-	28	((broadcast same sample) AND (MULTIMEDIA OR SONG OR MUSIC)) AND ((AUTOMATIC OR AUTOMATICALLY OR PERIODICALLY) SAME SAMPLE)	USPAT; EPO; DERWENT	2002/11/21 12:13
-	2	5819160.pn.	USPAT; EPO; DERWENT	2002/11/22 13:54
-	1842	return adj6 (product)	USPAT; EPO; DERWENT	2002/11/23 15:11
-	40	return adj6 (download)	USPAT; EPO; DERWENT	2002/11/23 15:14
-	0	(return adj6 (download)) and 705/26.ccls.	USPAT; EPO; DERWENT	2002/11/23 15:12
-	7	(return adj6 (download)) and 705/\$.ccls.	USPAT; EPO; DERWENT	2002/11/23 15:12
-	16	return adj6 (downloaded)	USPAT; EPO; DERWENT	2002/11/23 16:55
-	2394	access same ((charge or charged or charging) and (password or code or key))	USPAT; EPO; DERWENT	2002/11/23 16:57
-	451	(access same ((charge or charged or charging) and (password or code or key))) and (encrypt or encrypted)	USPAT; EPO; DERWENT	2002/11/23 17:10
-	27	((access same ((charge or charged or charging) and (password or code or key))) and (encrypt or encrypted)) and 705/26.ccls.	USPAT; EPO; DERWENT	2002/11/23 16:57
-	254	((access same ((charge or charged or charging) and (password or code or key))) and (encrypt or encrypted)) and (internet or online or website)	USPAT; EPO; DERWENT	2002/11/23 17:11

-	95	((access same ((charge or charged or charging) and (password or code or key))) and (encrypt or encrypted)) and (internet or online or website)) and 705/\$.ccls.	USPAT; EPO; DERWENT	2002/11/23 17:11
-	76	((access same ((charge or charged or charging) and (password or code or key))) and (encrypt or encrypted)) and (internet or online or website)) and 705/\$.ccls.) not 705/26.ccls.	USPAT; EPO; DERWENT	2002/11/23 17:19
-	2	5,247,575.pn.	USPAT; EPO; DERWENT	2002/11/23 17:16
-	2	5819160.pn.	USPAT; EPO; DERWENT	2003/08/06 14:46
-	1971	pay adj per adj view	USPAT; EPO; DERWENT	2003/08/06 15:06
-	271	(pay adj per adj view) and (per near5 (commercial or broadcast))	USPAT; EPO; DERWENT	2003/08/06 14:48
-	19	(pay adj per adj view) and (per near5 (commercial))	USPAT; EPO; DERWENT	2003/08/06 14:59
-	2	4,763,191.pn.	USPAT; EPO; DERWENT	2003/08/06 14:59
-	0	(pay adj per adj view) and 1970.pd.	USPAT; EPO; DERWENT	2003/08/06 15:03
-	0	(pay adj per adj view) and 1975.pd.	USPAT; EPO; DERWENT	2003/08/06 15:03
-	0	(pay adj per adj view) and 1980.pd.	USPAT; EPO; DERWENT	2003/08/06 15:03
-	0	(pay adj per adj view) and 1988.pd.	USPAT; EPO; DERWENT	2003/08/06 15:03
-	0	(pay adj per adj view) and 1997.pd.	USPAT; EPO; DERWENT	2003/08/06 15:04
-	0	(pay adj per adj view) and 1980.isd.	USPAT; EPO; DERWENT	2003/08/06 15:04
-	0	(pay adj per adj view) and 1985.isd.	USPAT; EPO; DERWENT	2003/08/06 15:05
-	118	(pay adj per adj view) and (offer same (select selecting selected selects accept accepts))	USPAT; EPO; DERWENT	2003/08/06 15:05
-	153	(pay adj per adj view).ti.	USPAT; EPO; DERWENT	2003/08/06 15:50
-	0	(pay adj per adj listen).ti.	USPAT; EPO; DERWENT	2003/08/06 15:35
-	27	pay adj per adj listen	USPAT; EPO; DERWENT	2003/08/06 15:35
-	23	(pay adj per adj view) and ((automatic automatically) same sample)	USPAT; EPO; DERWENT	2003/08/06 15:52
-	0	(pay adj per adj view) and ((automatic automatically) same [review])	USPAT; EPO; DERWENT	2003/08/06 15:52
-	28	(pay adj per adj view) and ((automatic automatically) same preview)	USPAT; EPO; DERWENT	2003/08/06 15:52
-	2	"electronic wallet" same cell	USPAT; EPO; DERWENT	2003/08/08 15:18

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-	359	(shop shopping) same cell	USPAT; EPO; DERWENT	2003/08/08 15:18
-	4	((shop shopping) same cell) and 705/26.ccls.	USPAT; EPO; DERWENT	2003/08/08 15:19
-	412	"electronic wallet"	USPAT; EPO; DERWENT	2003/08/08 15:19
-	72	"electronic wallet" and ((save saving stored storing) near5 (financial payment))	USPAT; EPO; DERWENT	2003/08/08 15:21
-	13	("electronic wallet" and ((save saving stored storing) near5 (financial payment))) and 705/26.ccls.	USPAT; EPO; DERWENT	2003/08/08 15:20
-	2410	((save saving stored storing) near5 (financial payment))	USPAT; EPO; DERWENT	2003/08/08 15:21
-	65	((save saving stored storing) near5 (financial payment))) and 705/26.ccls.	USPAT; EPO; DERWENT	2003/08/08 15:22
-	91	((save saving stored storing) near5 (financial payment))) and subscription	USPAT; EPO; DERWENT	2003/08/08 15:22
-	28	(((save saving stored storing) near5 (financial payment))) and subscription) and music	USPAT; EPO; DERWENT	2003/08/08 15:24
-	106	((save saving stored storing) near5 (financial payment))) and music	USPAT; EPO; DERWENT	2003/08/08 15:24
-	23	(((save saving stored storing) near5 (financial payment))) and music) and 705/26.ccls.	USPAT; EPO; DERWENT	2003/08/08 15:30
-	239	((automatic automatically) near4 (pay payments pays paid)).ab.	USPAT; EPO; DERWENT	2003/08/08 15:34
-	1	((automatic automatically) near4 (pay payments pays paid)).ab.) and 705/26.ccls.	USPAT; EPO; DERWENT	2003/08/08 15:30
-	4	((automatic automatically) near4 (pay payments pays paid)).ab.) and (music)	USPAT; EPO; DERWENT	2003/08/08 15:36
-	5	((automatic automatically) near4 (pay payments pays paid)).ab.) and (subscription)	USPAT; EPO; DERWENT	2003/08/08 15:37
-	470	subscription same (payment financial)	USPAT; EPO; DERWENT	2003/08/08 15:37
-	57	(subscription same (payment financial)) and music	USPAT; EPO; DERWENT	2003/08/08 15:37
-	44	((subscription same (payment financial)) and music) and (internet online "web site")	USPAT; EPO; DERWENT	2003/08/08 15:50
-	27	pay-per-listen	USPAT; EPO; DERWENT	2003/08/08 15:50
-	9	(pay-per-listen) same price	USPAT; EPO; DERWENT	2003/08/08 15:51
-	252	"digital product"	USPAT; EPO; DERWENT	2003/08/08 18:26
-	6	"digital product" and (return near5 product)	USPAT; EPO; DERWENT	2003/08/08 18:23
-	1668	(distributing distributes distribute) near6 software	USPAT; EPO; DERWENT	2003/08/08 18:27
-	25	((distributing distributes distribute) near6 software) AND ((RETURN RETURNING RETURNED) NEAR5 PRODUCT)	USPAT; EPO; DERWENT	2003/08/08 18:29

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-	14906	(SEND SENDING SENDS) ADJ3 BACK	USPAT; EPO; DERWENT	2003/08/08 18:29
-	8	((SEND SENDING SENDS) ADJ3 BACK) AND ("DIGITAL PRODUCT")	USPAT; EPO; DERWENT	2003/08/08 18:30

4/9/4 (Item 1 from file: 9)
DIALOG(R)File 9:Business & Industry(R)
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2525972 Supplier Number: 02525972 (THIS IS THE FULLTEXT)
Bell Atlantic To Deploy Wireless Application Protocol
(Bell Atlantic Mobile to offer customers access to electronic mail and
information from their cellphones)
Newsbytes News Network, p N/A
July 20, 1999
DOCUMENT TYPE: Journal (United States)
LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 374

TEXT:

REDWOOD CITY, CALIFORNIA, U.S.A., 1999 JUL 20 (NB) -- By Grant Buckler, Newsbytes. Bell Atlantic Corp.'s (NYSE:BEL) Bell Atlantic Mobile operation will use Wireless Application Protocol (WAP) to give its customers access to electronic mail and information from their cellphones and to simplify phone upgrades. Bell Atlantic will deploy Phone.com, Inc.'s (NASDAQ:PHCM) microbrowser and associated server software with Motorola Inc. (NYSE:MOT) digital phones.

The service should be commercially available early next year, Bell Atlantic Mobile spokeswoman Andrea Linskey told Newsbytes. Customers will need to buy the new Motorola phones in order to use it. Linskey said it is too early to discuss details of the company's marketing plans, such as additional monthly charges for the service.

Using Phone.com's UP.Browser, phone subscribers will be able to view specially tailored Internet and intranet content on the display screens of their phones. A spokesman for Phone.com explained that the micro-browser works with Phone.com's UP.Link server software, which delivers content using wireless markup language (WML) rather than the hypertext markup language (HTML) used for most World Wide Web content.

Bell Atlantic is at least the fourth US wireless carrier to announce plans to use Phone.com's micro-browser. Sprint PCS and Nextel have announced plans for trials in the fourth quarter. SouthernLink, a regional carrier, has also announced plans for the technology, the Phone.com spokesman told Newsbytes.

Bell Atlantic Mobile said it will be able to deliver information such as **news**, stock prices, **weather** reports, and **sports** reports to digital **cellular phones** using the system. WAP will also let the carrier **download** software updates to **phones** over the air. That will mean the carrier can provide up-to-date roaming information to ensure that when **subscribers** travel, their phones will use wireless networks preferred by Bell Atlantic. It will also be possible to update area code information automatically, meaning that when area codes change - as they have been doing frequently in the US in recent years - subscribers will not need to bring their phones to a dealer for reprogramming, Linskey said.

Bell Atlantic Mobile is at <http://www.bam.com> on the Web.

Reported By Newsbytes.com, <http://www.newsbytes.com>

(19990720/Press Contact: Andrea Linskey, Bell Atlantic Mobile, 908-306-7845, e-mail linscan@bam.com; Jennifer Weyrauch, Motorola, 847-523-0015, e-mail jennifer.weyrauch@motorola.com; Rowan Benecke, PR21 for Phone.com, 415-439-8811, e-mail rowan_benecke@pr21.com/WIRES TELECOM, BUSINESS

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COMPANY NAMES: BELL ATLANTIC MOBILE SYSTEMS INC (BELL ATLANTIC CORP)
INDUSTRY NAMES: Information industry; Online services; Publishing; Telecom services; Telecommunications

PRODUCT NAMES: Specialized telecommunications services (481397); On-line
service providers (737500)

CONCEPT TERMS: All product and service information; Product introduction

GEOGRAPHIC NAMES: North America (NOAX); United States (USA)

4/9/16 (Item 2 from file: 636)
DIALOG(R) File 636:Gale Group Newsletter DB(TM)
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04152939 Supplier Number: 54439703 (THIS IS THE FULLTEXT)
GEMPLUS: Gemplus delivers mobile service solution based on SIM Toolkit and Over-The-Air technology.

M2 Presswire, pNA

April 21, 1999

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 1047

TEXT:

M2 PRESSWIRE-21 April 1999-GEMPLUS: Gemplus delivers the first complete mobile service solution based on SIM Toolkit and Over-The-Air technology
(C)1994-99 M2 COMMUNICATIONS LTD

RDATE:160499

* Danish operator Mobilix launches "A La Carte Inside" that allows subscribers to customize their mobile phones with the services they want
Gemenos -- Gemplus, the world's leading provider of smart-card based solutions, today announced the launch of the first mobile service worldwide that gives subscribers the control over the services they want in their mobile phones. Gemplus in partnership with Mobilix, Denmark's most advanced telecom operator, was able to launch this service thanks to Gemplus' Value Added Service solution combining a range of state-of-the-art products (GemXplore CASE, GemXplore 98 and GemMobile Remote Manager) and expertise in the fields of SIM Toolkit and Over-The-Air technology.

New Mobile Services A La Carte The "A La Carte Inside" is a new Mobilix package composed of a GemXplore 98 SIM card and a Siemens C25 handset. The SIM card contains a predefined set of menus that give access to a variety of information services (News, directory enquiries, **weather**, pizza, flower delivery, horoscope, cinema, jokes and drink recipes). If the **subscriber** wishes to change or add a new menu to his mobile **phone**, he simply goes to the Mobilix web site and **downloads** the new pack of services he wants (travel information, **sports news**, chat lines...).

For the first time, a **subscriber** can **download** SIM Toolkit applications after the card has been issued thanks to Gemplus' Over-The-Air gateway: GemMobile Remote Manager.

"A La Carte Inside" is a world first in its domain because subscribers now can personalize their handset according to the services they want," said Christian Ward, Handset & SIM Card Expert at Mobilix. "Mobilix is once again making another step towards the 'Whatever, Wherever, Whenever' phenomenon."

"In the world of GSM, the SIM card has become an essential Value Added Service platform. With SIM Toolkit and Over-The-Air technology, operators now have the flexibility to create user-friendly services and manage them remotely," announced Philippe Martineau, Director Wireless Communications Marketing & Product Group at Gemplus. "Most of our customers who offer SIM based Value Added Services have reported that their churn rate has dropped drastically and that they have widened their customer base."

Value Added Service Solutions For Mobile Operators "A La Carte Inside" is based on GemXplore CASE, Gemplus' SIM Toolkit software factory. The SIM Toolkit application runs on GemXplore 98 cards and for the first time ever, a subscriber can download SIM Toolkit applications after the card has been issued thanks to Gemplus' Over-The-Air gateway: GemMobile Remote Manager.

The application that "A La Carte Inside" is based on is an example of an end-to-end solution that Gemplus can offer their customers: a comprehensive development kit for user-friendly SIM Toolkit based services, cards that can be securely updated and modified over-the-air, a complete over-the-air gateway that can remotely modify the content of SIM cards and a staff of highly qualified consultants to guide operators through the implementation of their new service.

NOTE TO EDITORS

SIM Toolkit SIM Toolkit is a set of commands that are sent from the SIM card to the handset or the network, on the handset's screen it looks like a series of menus. Subscribers don't have to remember number sequences, all they do is scroll down a menu. SIM Toolkit was adopted by

the GSM industry as a standard in 1997 and over 30 SIM Toolkit applications are being launched by Gemplus customers around the world.

Over-The-Air Over-The-Air is a technology where data or SIM Toolkit applications are sent from the operator to a SIM card or a set of selected SIM cards. The information is sent via short messages (SMS). This means that the contents of a SIM card can be updated or changed without having to reissue it.

About Mobilix: Mobilix is Denmark's new, dynamic telecom company aiming at becoming the global supplier of telecommunications services to the residential and business sectors. Mobilix offers competitive products and services in mobile and fixed network telephony, data and Internet, and is working on finalizing its Danish backbone network which is the central part of its offer for fixed network telephony and data services. Mobilix A/S is 86 % owned by one of the largest telecommunications companies in the world, France Telecom, and 14 % owned by Banestyrelsen. Mobilix has almost 700 employees and will invest more than four billion in the next few years in order to develop one of the world's most modern telecommunications companies. For more information: <http://www.mobilix.dk>

About Gemplus: Gemplus S.C.A. (<http://www.gemplus.com>) is the world's leading provider of plastic and smart card-based solutions (by units sold, source: Dataquest 1998). Gemplus sells magnetic stripe cards, memory and microprocessor-based smart cards, smart contactless cards, electronic tags and smart objects. The company designs and markets software, development tools and readers. Gemplus also provides consulting, training and personalization services to deliver the industry's most comprehensive and flexible card-based solutions to its developers, distributors, partners, and customers.

With sales of over \$US648 million in 1998, Gemplus employs more than 4,300 people in 10 manufacturing facilities, 5 R&D centers and 41 sales and marketing offices located in 27 countries around the world. Founded in 1988, Gemplus has successfully implemented portable and secure smart card-based solutions to simplify applications such as public and wireless communications, financial transactions, loyalty, transportation, education, healthcare, identity, physical access control, pay TV, electronic commerce, Internet security, logical access control and information technology. For more information: <http://www.gemplus.com/wireless>

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